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Nemecek

**EAST SEARCH**

4/14/05

<b>L#</b>	<b>Hits</b>	<b>Search String</b>	<b>Databases</b>
L1	282	emulat\$7 and "1284"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L2	49	1 and ("fpga" or "FPGA" or "field programmable")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L3	1592	emulat\$7 and "parallel port"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L4	243	3 and ("fpga" or "FPGA" or "field programmable")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

**Results of search set L4:**

US 20050044574 A1	Audio/visual server	20050224	725/91
US 20050035105 A1	Apparatus, system and method to facilitate reconfigurable welding power supply	20050217	219/130.5
US 20050005266 A1	Method of and apparatus for realizing synthetic knowledge processes in devices for useful applications	20050106	717/136
US 20050001720 A1	Emergency response personnel automated accountability system	20050106	340/539.13
US 20040249625 A1	Multi-mode smart card emulator and related methods	20041209	703/27
US 20040183776 A1	Computer based browsing computer program product, system and method	20040923	345/156
US 20040141649 A1	Ink recognition for use in character-based applications	20040722	382/189
US 20040090424 A1	Integrated information presentation system with environmental controls	20040513	345/169
US 20040059973 A1	Apparatus for testing a device under test using a high speed bus and method therefor	20040325	714/724
US 20040054689 A1	Transcoding media system	20040318	707/104.1
US 20040049797 A1	Network interface to a video device	20040311	725/132
US 20040049718 A1	Transponder interrogators, radio frequency identification device communication systems, transponder interrogator communication methods, and radio frequency systems, transponder device communication methods	20040311	714/700
US 20040049624 A1	Network to computer internal interface	20040311	710/306
US 20040044875 A1	Interface for rapid prototyping system	20040304	712/1
US 20040024580 A1	Server in a media system	20040205	703/27
US 20040000701 A1	Stand-alone organic-based passive devices	20040101	257/664
US 20030233567 A1	Method and system for actively defending a wireless LAN against attacks	20031218	713/200
US 20030233321 A1	JTAG server and sequence accelerator for multicore applications	20031218	703/23
US 20030225955 A1	Data modem	20031204	710/306

US 20030225568 A1	Emulator-enabled network connectivity to a device	20031204	703/27
US 20030225566 A1	JTAG server	20031204	703/24
US 20030225564 A1	Apparatus and method for connecting a hardware emulator to a computer peripheral	20031204	703/23
US 20030220781 A1	Communication architecture utilizing emulator interface	20031127	703/25
US 20030217123 A1	System and method for accessing and operating personal computers remotely	20031120	709/219
US 20030200070 A1	Simulation of uncharacterized hardware	20031023	703/14
US 20030198242 A1	Method for connecting a hardware emulator to a network	20031023	370/428
US 20030197855 A1	Apparatus and method for measuring optical characteristics of teeth	20031023	356/73
US 20030191878 A1	KVM switch including a terminal emulator	20031009	710/100
US 20030191623 A1	Computer system capable of executing a remote operating system	20031009	703/24
US 20030187662 A1	System, method, and article of manufacture for a reconfigurable hardware-based audio decoder	20031002	704/500
US 20030185023 A1	Iontophoretic power supply	20031002	363/31
US 20030184593 A1	System, method and article of manufacture for a user interface for an MP3 audio player	20031002	715/810
US 20030182641 A1	Rapid input/output probing apparatus and input/output probing method using the same, and mixed emulation/simulation method based on it	20030925	716/4
US 20030144828 A1	Hub array system and method	20030731	703/21
US 20030140337 A1	System, method, and article of manufacture for data transfer reporting for an application	20030724	717/158
US 20030121010 A1	System, method, and article of manufacture for estimating a potential performance of a codesign from an executable specification	20030626	716/4
US 20030120872 A1	System, method, and article of manufacture for dynamically profiling memory transfers in a program	20030626	711/141
US 20030120460 A1	System, method, and article of manufacture for enhanced hardware model profiling	20030626	702/182
US 20030118081 A1	Programmable modem apparatus for transmitting and receiving digital data, design method and use method for the modem	20030626	375/130
US 20030117971 A1	System, method, and article of manufacture for profiling an executable hardware model using calls to profiling functions	20030626	370/321
US 20030103199 A1	Apparatus and method for measuring optical characteristics of an object	20030605	356/73
US 20030086699 A1	Interface for audio visual device	20030508	386/96
US 20030066057 A1	System, method and article of manufacture for collaborative hardware design	20030403	717/140
US 20030061409 A1	System, method and article of manufacture for dynamic, automated product fulfillment for configuring a remotely located device	20030327	710/8
US 20030055771 A1	System, method and article of manufacture for a reverse-auction-based system for hardware development	20030320	705/37

US 20030055770 A1	System, method and article of manufacture for an auction-based system for hardware development	20030320	705/37
US 20030055769 A1	System, method and article of manufacture for a library-based hardware configuration service	20030320	705/37
US 20030055658 A1	System, method and article of manufacture for dynamic, automated fulfillment of an order for a hardware product	20030320	705/1
US 20030036876 A1	Network-based system for configuring a measurement system using configuration information generated based on a user specification	20030220	702/127
US 20030036875 A1	Network-based system using hardware configuration programs generated based on a user specification	20030220	702/127
US 20030036874 A1	Network-based system for configuring a measurement system using configuration information generated based on a user specification	20030220	702/123
US 20030036873 A1	Network-based system for configuring a measurement system using software programs generated based on a user specification	20030220	702/123
US 20030036871 A1	System and method for online specification of measurement hardware	20030220	702/119
US 20030033234 A1	System, method and article of manufacture for a hardware configuration service	20030213	705/37
US 20030030673 A1	Computer based browsing computer program product, system and method	20030213	715/779
US 20030028852 A1	Meta-routing tool for a measurement system	20030206	716/12
US 20030028408 A1	System, method and article of manufacture for a contractor-based hardware development service	20030206	705/8
US 20030018446 A1	Graphical program node for generating a measurement program	20030123	702/123
US 20030016359 A1	Apparatus and method for measuring optical characteristics of an object	20030123	356/419
US 20030011768 A1	Apparatus and method for measuring optical characteristics of an object	20030116	356/326
US 20030005155 A1	Dynamic routing for a measurement system	20030102	709/239
US 20030005154 A1	Shared routing in a measurement system	20030102	709/239
US 20030005153 A1	Dynamic routing for a measurement system	20030102	709/239
US 20030004675 A1	Routing with signal modifiers in a measurement system	20030102	702/123
US 20030004674 A1	Shared routing in a measurement system	20030102	702/123
US 20030004673 A1	Routing with signal modifiers in a measurement system	20030102	702/123
US 20030004672 A1	Meta-routing tool for a measurement system	20030102	702/123
US 20030001896 A1	Measurement system graphical user interface for easily configuring measurement applications	20030102	715/771
US 20020186697 A1	Protocol encoder and decoder	20021212	370/401
US 20020180968 A1	Spectrometric apparatus and method for measuring optical characteristics of an object	20021205	356/328
US 20020180953 A1	Apparatus and method for measuring optical characteristics of an object	20021205	356/73
US 20020157041 A1	Protocol parser-code generator	20021024	714/43
US 20020156886 A1	Protocol monitor	20021024	709/224

US 20020156885 A1	Protocol emulator	20021024	709/224
US 20020152060 A1	Inter-chip communication system	20021017	703/17
US 20020140717 A1	Computer based browsing computer program product, system and method	20021003	715/701
US 20020126091 A1	Power management for interface devices applying forces	20020912	345/161
US 20020116168 A1	METHOD AND SYSTEM FOR DESIGN VERIFICATION OF ELECTRONIC CIRCUITS	20020822	703/28
US 20020108484 A1	Electronic music instrument system with musical keyboard	20020815	84/615
US 20020105967 A1	Customer premises equipment use in multimedia broadband telecommunication	20020808	370/465
US 20020101824 A1	System and method for connecting a logic circuit simulation to a network	20020801	370/241
US 20020097742 A1	Methods and apparatus for multimedia broadband telecommunication	20020725	370/463
US 20020097739 A1	Local switch for a broadband multimedia telecommunications system	20020725	370/432
US 20020097400 A1	Apparatus and method for measuring optical characteristics of an object	20020725	356/419
US 20020072893 A1	System, method and article of manufacture for using a microprocessor emulation in a hardware application with non time-critical functions	20020613	703/26
US 20020072892 A1	KVM switch including a terminal emulator	20020613	703/25
US 20020067757 A1	Programmable modem apparatus for transmitting and receiving digital data, design method and use method for the modem	20020606	375/130
US 20020062461 A1	Method and system for testing microprocessor based boards in a manufacturing environment	20020523	714/28
US 20020050518 A1	Sensor array	20020502	235/454
US 20020024653 A1	APPARATUS AND METHOD FOR MEASURING OPTICAL CHARACTERISTICS OF AN OBJECT	20020228	356/73
US 20020003620 A1	Apparatus and method for measuring optical characteristics of teeth	20020110	356/73
US 20010043330 A1	SPECTROMETER ASSEMBLY	20011122	356/419
US 20010038453 A1	Apparatus and method for measuring optical characteristics of an object	20011108	356/419
US 20010038451 A1	Apparatus and method for measuring optical characteristics of an object	20011108	356/328
US 20010035914 A1	Television interface for handheld calculator for use with multiple calculator display formats	20011101	348/552
US 20010035913 A1	Television interface for handheld calculator for enhanced television display	20011101	348/552
US 20010030748 A1	Apparatus and method for measuring optical characteristics of an object	20011018	356/419
US 20010018753 A1	Communication system, a synchronization circuit, a method of communicating a data signal, and method of synchronizing with a data signal	20010830	714/731
US 6873928 B2	Routing with signal modifiers in a measurement system	20050329	702/127
US 6870616 B2	Spectrometer apparatus for determining an optical characteristic of an object or material having one or more sensors for determining a physical position or non-color property	20050322	356/326
US 6842865 B2	Method and system for testing microprocessor based boards in a manufacturing environment	20050111	714/28
US 6839792 B2	Data modem	20050104	710/306

US 6823202 B2	Iontophoretic power supply	20041123	600/347
US 6815640 B1	Apparatus, system and method to facilitate reconfigurable welding power supply	20041109	219/130.5
US 6810442 B1	Memory mapping system and method	20041026	710/22
US 6785873 B1	Emulation system with multiple asynchronous clocks	20040831	716/4
US 6772212 B1	Audio/Visual server	20040803	709/228
US 6762775 B2	Computer based browsing computer program product, system and method	20040713	715/776
US 6754763 B2	Multi-board connection system for use in electronic design automation	20040622	710/317
US 6753927 B2	Television interface for handheld calculator for enhanced television display	20040622	348/552
US 6721489 B1	Play list manager	20040413	386/46
US 6668312 B2	System, method, and article of manufacture for dynamically profiling memory transfers in a program	20031223	711/170
US 6661465 B2	Television interface for handheld calculator for use with multiple calculator display formats	20031209	348/552
US 6651225 B1	Dynamic evaluation logic system and method	20031118	716/4
US 6633905 B1	System and method for accessing and operating personal computers remotely	20031014	709/219
US 6618829 B2	Communication system, a synchronization circuit, a method of communicating a data signal, and methods of synchronizing with a data signal	20030909	714/731
US 6609173 B1	Compact disc emulation in a flash	20030819	711/103
US 6597727 B2	Programmable modem apparatus for transmitting and receiving digital data, design method and use method for the modem	20030722	375/147
US 6590660 B2	Apparatus and method for measuring optical characteristics of an object	20030708	356/419
US 6584586 B1	Apparatus and method for capturing and transferring internal system activity	20030624	714/45
US 6583866 B2	Spectrometric apparatus and method for measuring optical characteristics of an object	20030624	356/73
US 6573984 B2	Apparatus and method for measuring optical characteristics of teeth	20030603	356/73
US 6571370 B2	Method and system for design verification of electronic circuits	20030527	716/4
US 6567869 B2	KVM switch including a terminal emulator	20030520	710/62
US 6538726 B2	Apparatus and method for measuring optical characteristics of an object	20030325	356/73
US 6519037 B2	Spectrometer having optical unit including a randomized fiber optic implement	20030211	356/419
US 6516053 B1	System and method for testing telecommunication service installations	20030204	379/21
US 6501542 B2	Apparatus and method for measuring optical characteristics of an object	20021231	356/73
US 6449041 B1	Apparatus and method for measuring optical characteristics of an object	20020910	356/326
US 6421754 B1	System management mode circuits, systems and methods	20020716	710/261
US 6421251 B1	Array board interconnect system and method	20020716	361/788
US 6417917 B1	Apparatus and method for measuring optical characteristics of an object	20020709	356/73

US 6414750 B1	Spectrometric apparatus and method for measuring optical characteristics of an object	20020702	356/73
US 6407757 B1	Computer-based browsing method and computer program product for displaying information in an electronic book form	20020618	715/776
US 6389379 B1	Verification system and method	20020514	703/14
US 6378014 B1	Terminal emulator for interfacing between a communications port and a KVM switch	20020423	710/100
US 6373573 B1	Apparatus for measuring optical characteristics of a substrate and pigments applied thereto	20020416	356/419
US 6362888 B1	Spectrometer assembly	20020326	356/419
US 6348911 B1	Force feedback device including safety switch and force magnitude ramping	20020219	345/161
US 6321366 B1	Timing-insensitive glitch-free logic system and method	20011120	716/6
US 6314529 B1	System for providing real-time code coverage	20011106	714/29
US 6307877 B1	Programmable modem apparatus for transmitting and receiving digital data, design method and use method for the modem	20011023	375/130
US 6292018 B1	Configurable cellular array	20010918	326/41
US 6271913 B1	Apparatus and method for measuring optical characteristics of an object	20010807	356/73
US 6271833 B1	Low cost force feedback peripheral with button activated feel sensations	20010807	345/161
US 6249348 B1	Integrated spectrometer assembly and methods	20010619	356/419
US 6246479 B1	Integrated spectrometer assembly and methods	20010612	356/419
US 6246471 B1	Apparatus and method for measuring optical characteristics of an object	20010612	356/73
US 6239868 B1	Apparatus and method for measuring optical characteristics of an object	20010529	356/73
US 6223317 B1	Bit synchronizers and methods of synchronizing and calculating error	20010424	714/744
US 6212566 B1	Interprocess communication protocol system modem	20010403	709/230
US 6160213 A	Electronic music instrument system with musical keyboard	20001212	84/615
US 6134516 A	Simulation server system and method	20001017	703/27
US 6118521 A	Apparatus and method for measuring optical characteristics of an object	20000912	356/73
US 6112273 A	Method and apparatus for handling system management interrupts (SMI) as well as, ordinary interrupts of peripherals such as PCMCIA cards	20000829	710/260
US 6112083 A	Full service dispatcher for satellite trunked radio service system	20000829	455/426.1
US 6106565 A	System and method for hardware emulation of a digital circuit	20000822	703/23
US 6094715 A	SIMD/MIMD processing synchronization	20000725	712/20
US 6081291 A	Methods and systems for multimedia communication via public telephone networks	20000627	348/14.11
US 6058263 A	Interface hardware design using internal and external interfaces	20000502	703/25
US 6052729 A	Event-reaction communication protocol in an object oriented processor array	20000418	709/224
US 6038686 A	System for providing real-time code coverage	20000314	714/29
US 6026230 A	Memory simulation system and method	20000215	703/13
US 6009256 A	Simulation/emulation system and method	19991228	703/13
US 5987244 A	Power management masked clock circuitry, systems and methods	19991116	713/500

US 5968188 A	System for providing real-time code coverage	19991019	714/29
US 5966528 A	SIMD/MIMD array processor with vector processing	19991012	712/222
US 5963746 A	Fully distributed processing memory element	19991005	712/20
US 5943507 A	Interrupt routing circuits, systems and methods	19990824	710/48
US 5929607 A	Low cost force feedback interface with efficient power sourcing	19990727	320/166
US 5917905 A	Telephone station equipment employing rewritable display keys	19990629	379/356.01
US 5908997 A	Electronic music instrument system with musical keyboard	19990601	84/615
US 5907487 A	Force feedback device with safety feature	19990525	700/85
US 5878241 A	Partitioning of processing elements in a SIMD/MIMD array processor	19990302	712/203
	Structure and method of performing DMA transfers between memory and I/O devices utilizing a single DMA controller within a notebook and docking station computer system		
US 5875312 A	Power management interface system for use with an electronic wiring board	19990223	710/303
US 5872983 A	article of manufacture	19990216	713/300
	Programmable modem apparatus for transmitting and receiving digital data, design method and use method for said modem		
US 5872810 A	Quadrilateral multichip computer systems and printed circuit boards therefor	19990216	375/222
US 5870621 A	Array processor with asynchronous availability of a next SIMD instruction	19990209	712/32
US 5870619 A	Systems, circuits and methods for mixed voltages and programmable voltage rails on integrated circuits	19990209	712/20
US 5870617 A			
		19990209	713/324
US 5867717 A	Dynamic system clocking and address decode circuits, methods and systems	19990202	713/323
	System and method for distributing configuration-dependent software revisions to a computer system		
US 5867714 A	Computer system power management interconnection circuitry, systems and methods	19990202	717/172
US 5864702 A	Hierarchically connectable configurable cellular array	19990126	713/320
US 5861761 A	Integrated circuits for low power dissipation in signaling between different-voltage on chip regions	19990119	326/41
US 5852370 A	Computer system and an electronic circuit utilizing a single DMA controller and additional communication circuit to manage DMA transfers between memory and I/O devices	19981222	326/81
US 5848253 A	Computer system power management interconnection circuitry, system and methods	19981208	710/308
US 5845132 A	Advanced parallel array processor (APAP)	19981201	710/260
US 5842031 A	Clock control circuits, systems and methods	19981124	712/23
US 5842005 A	Method and apparatus for implementing a single DMA controller to perform DMA operations for devices on multiple buses in docking stations, notebook and desktop computer system	19981124	713/500
US 5835733 A	Function unit for fine-gained FPGA	19981110	710/303
US 5831448 A		19981103	326/41

US 5822550 A	Split data path fast at-bus on chip circuits systems and methods	19981013	710/315
US 5805854 A	System and process for memory column address organization in a computer system	19980908	711/1
US 5802555 A	Computer system including a refresh controller circuit having a row address strobe multiplexer and associated method	19980901	711/106
US 5798656 A	Match register with duplicate decoders	19980825	326/39
US 5794059 A	N-dimensional modified hypercube	19980811	712/10
US 5784291 A	CPU, memory controller, bus bridge integrated circuits, layout structures, system and methods	19980721	716/10
US 5781780 A	Power management supply interface circuitry, systems and methods	19980714	713/300
US 5778425 A	Electronic system having a first level write through cache memory and smaller second-level write-back cache memory and method of operating the same	19980707	711/122
US 5771373 A	Power management masked clock circuitry, systems and methods	19980623	713/500
US 5765011 A	Parallel processing system having a synchronous SIMD processing with processing elements emulating SIMD operation using individual instruction streams	19980609	712/20
US 5761523 A	Parallel processing system having asynchronous SIMD processing and data parallel coding	19980602	712/20
US 5756981 A	Optical scanner for reading and decoding one- and-two-dimensional symbologies at variable depths of field including memory efficient high speed image processing means and high accuracy image analysis means	19980526	235/462.42
US 5754871 A	Parallel processing system having asynchronous SIMD processing	19980519	712/20
US 5754837 A	Clock control circuits, systems and methods	19980519	713/500
US 5754759 A	Testing and monitoring of programmed devices	19980519	714/37
US 5754436 A	Adaptive power management processes, circuits and systems	19980519	713/300
US 5752067 A	Fully scalable parallel processing system having asynchronous SIMD processing	19980512	712/16
US 5751338 A	Methods and systems for multimedia communications via public telephone networks	19980512	348/14.12
US 5748875 A	Digital logic simulation/emulation system	19980505	714/29
US 5737765 A	Electronic system with circuitry for selectively enabling access to configuration registers used by a memory controller	19980407	711/170
US 5737764 A	Generation of memory column addresses using memory array type bits in a control register of a computer system	19980407	711/170
US 5737748 A	Microprocessor unit having a first level write-through cache memory and a smaller second-level write-back cache memory	19980407	711/122
US 5737563 A	Determination of memory bank sizes in a computer system	19980407	711/5
US 5734921 A	Advanced parallel array processor computer package	19980331	712/10



US 5734919 A	Systems, circuits and methods for mixed voltages and programmable voltage rails on integrated circuits	19980331	713/300
US 5729120 A	Power management masked clock circuitry, systems and methods	19980317	713/500
US 5721221 A	Computer system power management interconnection circuitry and systems	19980310	713/310
US 5724553 A	Electronic system with circuitry for generating memory column addresses using memory array type bits in a control register	19980303	711/170
US 5721933 A	Power management supply interface circuitry, systems and methods	19980224	713/300
US 5721834 A	System management mode circuits systems and methods	19980224	710/100
US 5717944 A	Autonomous SIMD/MIMD processor memory elements	19980210	712/20
US 5717943 A	Advanced parallel array processor (APAP)	19980210	712/20
US 5713037 A	Slide bus communication functions for SIMD/MIMD array processor	19980127	702/33
US 5713006 A	Electronic device and method for selective enabling of access to configuration registers used by a memory controller	19980127	711/170
US 5710935 A	Advanced parallel array processor (APAP)	19980120	712/20
US 5710911 A	Clock control circuits, systems and methods	19980120	713/500
US 5708836 A	SIMD/MIMD inter-processor communication	19980113	712/20
US 5706445 A	System management mode circuits, systems and methods	19980106	710/100
US 5691898 A	Safe and low cost computer peripherals with force feedback for consumer applications	19971125	700/85
US 5684997 A	Integrated circuit design for handling of system management interrupts (SMI)	19971104	710/260
US 5670897 A	High speed mask register for a configurable cellular array	19970923	326/41
US 5666497 A	Bus quieting circuits, systems and methods	19970909	710/305
US 5640541 A	Adapter for interfacing a SCSI bus with an IBM system/360/370 I/O interface channel and information system including same	19970617	703/26
US 5625836 A	SIMD/MIMD processing memory element (PME)	19970429	709/214
US 5590345 A	Advanced parallel array processor (APAP)	19961231	712/11
US 5588152 A	Advanced parallel processor including advanced support hardware	19961224	712/16
US 5552722 A	Mask register for a configurable cellular array	19960903	326/41
US 5528176 A	Register with duplicate decoders for configurable cellular array	19960618	326/105
US 5500609 A	Wildcard addressing structure for configurable cellular array	19960319	326/41
US 5495522 A	Method and apparatus for audio teleconferencing a plurality of phone channels	19960227	379/202.01
US 5469003 A	Hierarchically connectable configurable cellular array	19951121	326/39
US 4727509 A	Master/slave system for replicating/formatting flexible magnetic diskettes	19880223	360/15